

FORM PTO-1449
(REV.7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500893.01APPLICATION NO.
09/945,367

INFORMATION DISCLOSURE STATEMENT

O *Use several sheets if necessary*APPLICANT(S)
Kevin HunterFILING DATE
August 31, 2001GROUP ART UNIT
2621

APR 16 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
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AG						RECEIVED APR 23 2002
AH						Technology Center 2600
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
AK						
AL						
AM						
AN						
AO						

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

TH	AP	Beets, Kristof et al., "Super-sampling Anti-aliasing Analyzed", Beyond3D, (2000) pp. 1-22, <http://www.Beyond3D.com>.
	AQ	

EXAMINER	DATE CONSIDERED
H. Hunter	March 16, 2004

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JUN 11 2003

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TAH	AA	6,459,428 B1	10/01/02	Burk et al.	345	419	
TAH	AB	6,496,186 B1	12/17/02	Deering	345	419	
TAH	AC	6,496,187 B1	12/17/02	Deering et al.	345	419	
TAH	AD	6,501,483 B1	12/31/02	Wong et al.	345	611	
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							YES NO
	AK						
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TAH	AN	Jouppi, N. P. et al., "Z ³ : An Economical Hardware Technique for High-Quality Antialiasing and Transparency", Eurographics, Los Angeles, 1999, pp. 85-93 and 143.
TAH	AO	Mitchell, D. P., "Generating Antialiased Images at Low Sampling Densities", Computer Graphics, Volume 21, Number 4, July 1987, pp. 65-72.
TAH	AP	Mitchell, D. P., "Spectrally Optimal Sampling for Distribution Ray Tracing", Computer Graphics, Volume 25, Number 4, July 1991, pp. 157-164.
TAH	AQ	Schilling, A., "A New Simple and Efficient Antialiasing with Subpixel Masks", Computer Graphics, Volume 25, Number 4, July 1991, pp. 133-141.

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	AB						JUL 16 2003

FOREIGN PATENT DOCUMENTS

Technology Center 2600

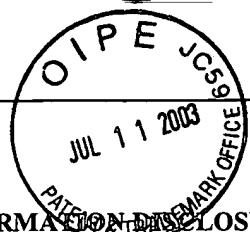
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							YES
	AC						

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

TH	AD	Abrash, M., "Inside Xbox Graphics", Dr. Dobb's Journal: Software Tools for the Professional Programmer, Vol. 25, No. 8, August 2000, pp. 21-26.
TH	AE	Author Unknown, "BB Scunthorpe – Four Queens Busy", Steel Times, Vol. 223, No. 2, February 1995, pp. 70-71.
TH	AF	Bowers, G., "Reconstruction and Repair of Blast Furnaces", Metal Construction and British Welding Journal, August 1970, pp. 317-321.
TH	AG	Brabham, M., "The Unusual Suspects", www.insideelectronics.com, March/April 2000, pp. 15-16.
TH	AH	Ding, J. et al., "Aliasing-Free Space and Time Compactions with Limited Overhead", IEEE 2000 First International Symposium on Quality Electronic Design, March 2000, pp. 355-360.
TH	AI	Ewins, J. et al., "Implementing An Anisotropic Texture Filter" Computers & Graphics 24 (2000), pp. 253-267.
TH	AJ	Hart, J. et al., "Antialiased Parameterized Solid Texturing Simplified for Consumer-Level Hardware Implementation", Proceedings of the Eurographics/SIGGRAPH Workshop on Graphics Hardware, Los Angeles, California, August 1999, pp. 45-53, 140.
TH	AK	Horita, K. et al., "Advanced Shallow Trench Isolation to Suppress the Inverse Narrow Channel Effects for 0.24µm Pitch Isolation and Beyond", Symposium on VLSI Technology, Digest of Technical Papers, June 2000, pp. 178-179.
TH	AL	Igehy, H., "Tracing Ray Differentials", Computer Graphics, Proceedings, Annual Conference Series 1999, Siggraph 99, Conference Proceedings, August 1999, pp. 179-186.
TH	AM	Keating, B., "Efficient Shadow Antialiasing Using an A-Buffer", Journal of Graphics Tools, Vol. 4, No. 3, 1999, pp. 23-33.

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<i>TJH</i>	AN	Kiuchi, H. et al., "3.1.3 KSP Data-Acquisition System", Journal of the Communications Research Laboratory, Vol. 46, No. 1, March 1999, pp. 25-32
<i>TJH</i>	AO	Lee, J. et al., "SPARP: A Single Pass Antialiased Rasterization Processor", Computers & Graphics 24 (2000), pp. 233-243
<i>TJH</i>	AP	Okumura, A. et al., "Parallel Programming with Layered Streams", Symposium on Logic Programming, IEEE, August 1987, pp. 224-232
<i>TJH</i>	AQ	Sauceda, A. et al., "Antialiasing Filter with High Pupil Apertures", 18 th Congress of the International Commission for Optics: Optics for the Next Millennium, San Fransisco, 1999, SPIE Vol. 3749, pg. 767.
<i>TJH</i>	AR	Shahin, A. et al., "Cooperation of Fuzzy Segmentation Operators for Correction Aliasing Phenomenon in 3D color Doppler Imaging", Artificial Intelligence in Medicine, Vol. 19, No. 2, June 2000, pp. 121-154.
<i>TJH</i>	AS	Spero, C. et al., "Corrosion Performance of Mild Steel in Coal Leachate", Materials Forum, Vol. 12, January 1988, pp. 73-78.
<i>TJH</i>	AT	Waele, S.D. et al., "Error Measure for Resampled Irregular Data", IEEE Transactions on Instrumentation and Measurement, Vol. 49, No. 2, April 2000, pp. 216-222.
<i>TJH</i>	AU	Wan, M. et al., "Interactive Stereoscopic Rendering of Voxel-based Terrain", Center for Visual Computing and Department of Computer Science State University of New York at Stony Brook, IEEE, March 2000, pp. 197-206
<i>TJH</i>	AV	Yang, X. et al., "Scalable Wavelet Video Coding Using Aliasing-Reduced Hierarchical Motion Compensation", IEEE Transactions on Image Processing, Vol. 9, No. 5, May 2000, pp. 778-791.
<i>TJH</i>	AW	Zhang, H., "Forward Shadow Mapping", Proceedings of the Eurographics Workshop, Vienna, Austria, June 1998, pp. 131-138, 330.
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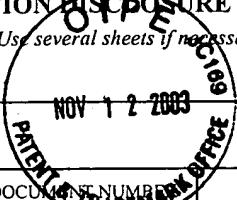
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TH	AP	Dippe, M.Z., et al. "Antialiasing Through Stochastic Sampling," Department of Electrical Engineering and Computer Sciences, University of California, Vol. 19, No. 3, November 1985, pp. 69-78.
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